## RECEIVED CENTRAL FAX CENTER

SEP 2 6 2003

Please type a plus sign (+) inside this box  Under the Paperwork Reduction Act		ons are required	U.S. Patent and Tra	PTC/SB/21 (08-00) Approved for use through 10/31/2002. OMB 0851-0031 ademark Office: U.S. DEPARTMENT OF COMMERCE throation unless it displays a valid OMB control number.			
TRANSMI FORM  (to be used for all corresponde  Total Number of Pages in The  Fee Transmittal Form (in duplicate)  Fee Attached  Amendment / Reply  After Final	TTAL  Ince after Infile! file  is Submission  E	23 INCLOSUR Assign (for an	Application Number  Filing Date  First Named Inventor  Group Art Unit  Examiner Name  Attorney Docket Number  ES (check all that apply)  ment Papers  Application)  ag(s)  ing-related Papers	09/900,503 July 6, 2001 HU, LAWRENCE W. 3732 SMITH, JEFFREY A. GUID-012CON			
Affidavits/declaration  Extension of Time Request  Express Abandonment Re  Information Disclosure State  Certifled Copy of Priority Documents  Response to Missing Part Incomplete Application  Response to Missing under 37 CFR 1.52	otation (s)	Petition Provisi Power Chang Addres Termin	n to Convert to a ional Application of Attorney, Revocation e of Correspondence	Proprietary Information  Status Letter  Other Enclosure(s) (please identify below): Request for entry of Amendment filed May 14, 2003 (1 pg) Copy of Amendment and PTO forms 1449 filed May 14, 2003 (21 pgs.) postcard			
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm or Individual Name  Signature  CERTIFICATE OF MAILING  I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first of in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: September 15, 2003.  Typed or printed name  Alan W, Ceapon  Signature  Date September 15, 260							





p. 1

# FACSIMILE TRANSMITTAL LAW OFFICE OF ALAN W. CANNON

834 South Wolfe Road

Sunnyvale, California 94086 Telephone (408) 736-3554 Facsimile (408) 736-3564

Email: alan@acannonlaw.com

RECEIVED CENTRAL FAX CENTER

SEP 2 6 2003

Date:

September 25, 2003

To:

US Patent and Trademark Office

ATTENTION: EXAMINER JEFFREY SMITH

**GAU 3732** 

Facsimile No.:

703-872-9306

From:

Alan Cannon

Re:

Application Serial No. 09/900,503, Conf. # 5237

Attorney's Docket No. GUID-012CON

Message:

Examiner Smith,

Thank you for your voice mail of this morning. We are transmitting herewith a Request for Consideration that we filed September 15, 2003, and which includes the amendment as filed May 14, 2003, IDS, and proof of receipt by the US Patent and Trademark Office. Please call to confirm that you have received this transmission.

Thanks,

Alan Cannon

Total number of pages, including this cover sheet: 25

\*\*\*\*\*\*

WARNING: This facsimile message and accompanying documents are intended only for the use of the addressee indicated above. Information that is privileged or otherwise confidential may be contained therein. If you are not the intended recipient, you are hereby notified that any dissemination, copying, review or use of the above message or the accompanying documents is strictly prohibited. If you have received this message in error, please notify us immediately by telephone or facsimile, and mail the original to us at the above address. Thank you.

	CERTIFICATE OF MA	LING	
I hereby certify that this corre Commissioner for Patents, P	spondence is being deposited with the United States Posts. O. Box 1450, Alexandria, VA. 22313-1450.	I Service as first class mail in an e	nvelope addressed to:
Typed or Printed Name	Alan W. Cannon		
Signature	hem	Date	9/15/03

### REQUEST FOR ENTRY AND CONSIDERATION OF AMENDMENT FILED MAY 14, 2003

Application No.	09/900,503
Confirmation No.	5237
Filing Date	July 6, 2001
First Named Inventor	Hu, Lawrence W.
Examiner.	Smith, Jeffrey A.
Group Art Unit	3732
Attorney Docket No.	GUID-012CON

Sir:

Applicants hereby request that the Amendment filed under 37 CFR 1.116 on May 14, 2003 be entered and considered. Applicants' representative telephoned the Examiner, the Examiner's SPE and the group receptionist to request the status of this case. The Examiner's SPE indicated that the Amendment filed May 14, 2003 has not yet been entered. Applicants are submitting a copy of the amendment as filed on May 14, 2003, including a copy of the postcard date-stamped by the U.S. Patent and Trademark Office, as proof of the filing of the amendment.

Applicants respectfully submit that no fees are due at this time, since the Amendment under 37 CFR 1.116 was timely filed within 2 months of the date of the final Office Action. However, the Commissioner is hereby authorized to charge any underpayment of fees associated with this communication, including any necessary fees for extensions of time and Notice of Appeal to avoid abandonment of the present case, or credit any overpayment to Deposit Account No. 50-2653, order number GUID-012CON.

Date: Sestant

Respectfully submitted,

LAW OFFICE OF ALAN W. CANNON

By

Alan W. Cannon

Registration No. 34,977

LAW OFFICE OF ALAN W. CANNON 834 South Wolfe Road

Sunnyvale, CA 94086

Telephone: (408) 736-3554 Facsimile: (408) 736-3564 +

COPY

Date | May 14, 2003

Please type a plus sign (+) inside this box →

PTO/S8/21 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. 09/900,503 Application Number July 6, 2001 Filing Date TRANSMITTAL First Named Inventor HU, LAWRENCE W. **FORM** Group Art Unii 3732 (to be used for all correspondence ofter initial filling) Examiner Name SMITH, JEFFREY A Attorney Dockst Number GUID-012CON 20 Total Number of Pages In This Submission ENCLOSURES (check all that apply) 冈 Fee Transmittal Form (In Assignment Papers After Allowance Communication to Group duplicate) (for an Application) Appeal Communication to Board Drawing(s) Fee Attached of Appeals and Interferences X Licensing-related Papers Amendment / Reply Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) After Final Petition Affidavits/declaration(s) Proprietary Information Petition to Convert to a Provisional Application Extension of Time Request Status Letter Power of Attorney, Revocation **Express Abandonment Request** Change of Correspondence 冈 Other Enclosure(s) (please Address Identify below): Information Disclosure Statement Terminal Disclaimer PTO form 1449 (10 pgs.) Certified Copy of Priority postcard Request for Refund Documents Response to Missing Parts/ CD, Number of CD(s) Incomplete Application Remarks Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Flrm ALAN W. CANNON, Reg. No. 34,977 Individual Name Signature May 14, 2003 Oale CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mall Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: May 14. 2003. Maria J. Sousa Typed or printed name

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Signature



PTO/SB/17 (10-01)

Approved for use through 10/31/2002, OMB 0651-0322

U.S. Petent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless It displays a valid OMB control number. Complete if Known FEE TRANSMITTAL 09/900.503 Application Number July 6, 2001 for FY 2003 Filing Date HU, LAWRENCE W. First Named Inventor SMITH, JEFFREY A Patent fees are subject to annual revision. Examiner Name 3625 Group Art Unit GUID-012CON Attorney Docket No. (\$) 120.00 TOTAL AMOUNT OF PAYMENT FEE CALCULATION (continued) METHOD OF PAYMENT 3. ADDITIONAL FEES 1. M. The Commissioner is hereby authorized to charge indicated Large tees and credit overpayments to: Entity Deposit Account Number 50-0815
Deposit Account Name Bozicevic, Fleid & Francis LLP Enlity Fee Paid Fee Description Code (3) (\$) Charge Any Additional Fee Required Surcharge - late filing fee or oath 65 105 130 205 Under 37 CFR 1.1 6 and 1.17 Surcharge - late provisional filing fee or Applicant Claims small entity status. See 37 CFR 1.27 50 227 25 127 cover sheet Non-English specification 130 139 130 139 2. D Payment Enclosed: 2,520 For filing a request for exparte reexamination 2,520 147 147 Money Order ☐ Chack ☐ Credit Card Requesting publication of SIR prior to 920° 112 Examination ection FEE CALCULATION 1,840 Requesting publication of SIR after 1,840" 113 113 BASIC FILING FEE FILING FEE Entity Small Entity Entity Fee Fee Description Examiner action Large Extension for raply within first month Fee Paid 215 110 115 Extension for rapty within second month Code Code (1) 200 116 400 218 370 Utility filing fee 201 Extension for reply within third month 101 740 117 920 217 480 Design filing fee 165 330 206 Extension for raply within fourth month 106 720 218 1,440 118 255 . Plant filing tee 510 207 107 Extension for reply within fifth month 1,960 980 228 128 370 Relasus filing fee 108 740 208 Notice of Appeal 320 218 160 119 Provisional filing fee 214 80 160 Filing a brief in support of an appeal 114 160 220 120 320 0.00 Request for oral hearing SUBTOTAL (1) 280 221 140 121 1,510 Petition to Institute a public use proceeding 1,510 138 1. EXTRA CLAIM FEES 138 Patition to revive - unavoidable Fee from 240 140 110 Fee Pald Extra Claims Petition to revive - unintentional 141 1,280 241 840 Total Claims 27 -2 Indep. Claims 7-8" Multiple Dependent 16.00 -25" Utility issue fee (or reissue) 640 1,280 = 84,00 142 Design issue fee 230 243 143 460 Plant Issue fee 144 620 244 310 Petitions to the Commissioner 122 130 130 122 Processing fee under 37 CFR 1.17(q) Small Entity 50 Large Entity 50 123 123 Fee Description Submission of Information Disclosure Strit Fee Code 180 128 180 126 (\$) 18 (\$) Code Ctalms in excess of 20 Recording each patent assignment par 203 40 551 40 103 581 property (times number of properties) For each additional invention to be examined (37 CFR § 1.129(a)) Independent claims in excess of 3 202 42 102 370 146 740 246 Multiple dependent claim, if not paid 140 For each additional invention to be exemined (37 CFR § 1.129(b)) 280 204 104 149 740 249 ·· Reissup Independent cialms 42 109 54 209 Request for Continued Examination (RCE) over original patent 740 270 370 Request for expedited examination of a design application Reissua claims in excess of 20 and over original patent 900 900 189 210 110 18 SUBTOTAL (2) \$ 120.00 Other lee (specify) SUBTOTAL (3) (\$) 0.00 or number previously paid, if greater, For Relazues, see above. Reduced by Basic Filing Fee Pald

	The second secon			Complete (#	appucable)	
SUBMITTED BY			Registration No.	34,977	Telephone	(408) 738-3554
Name (Print/Type)	Alan W. Cannon		(Attorney/Agent)		0-10	05/14/2003
Signature	ALL	m			Date	
				all aged information sh	ould not be	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. Included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will very depending upon the needs of the Individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/17 (10-01)

PICUSBIT (10-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF CCMMERCE

The Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

Complete If Known 09/900,503 Application Number July 6, 2001 Filing Date HU, LAWRENCE W. First Named Inventor SMITH, JEFFREY A Examiner Name

				rl Unit		3625	
OTAL AMOUNT OF PAYMENT (5) 1	20.00	Att	orney	Dock		GUID-012CON	<del></del>
METHOD OF PAYMENT					FEE	CALCULATION (continued)	
The Commissioner is hereby authorized to char- less and credit overpayments to: Deposit Account Number 50-0815 Deposit Account Name Boxicevic, Field & Franc Charge Any Additional Fee Required	te LLP	eo I	arge Entity Fee	NAL F	Small Entity Fee (\$)	ree Description	ee Pald
Under 37 CFR 1.1 8 and 1.17  Applicant Claims small entity status. See 37 CFR 1.27	<b>I</b> . '		130 50	205 227	26	Surcharge late filing fee or oath Surcharge late provisional filing fee or cover sheet	
		39	130	139		Non-English specification	
2. ☐ Payment-Enclosed: ☐ Chack ☐ Credit Card ☐ Money Order ☐	<b>3</b> -		2.520	147	2,520	For filing a request for ex parte reexamination	
FEE CALCULATION			9201	112		Requesting publication of SIR prior to Examination action	
2. BASIC FILING FEE	1	113	1,840*	113	1,840	Requesting publication of SIR after Examiner action	•
Fee Fee Fee Fee Description	Fee Paid 1	115	110	215	55	Extension for raply within first month	
Code (\$) Code (\$)	1	116	400	216	300	Extension for reply within second month	
108 330 206 165 Design filing fee		117	920	217	450	Extension for reply within third month	
107 510 207 255 Plant filing fee		118	1,440	218	720	Extension for reply within fourth month	
105 740 208 370 Relasue filling fee		128	1,980	228	980	Extension for reply within fifth month	
114 160 214 80 Provisional filing fee		119	320	219	160	Notice of Appeal	
114 100 214 00 110102112 11110		120	320	220	160	Filing a brief in support of an appeal	
SUBTOTAL (1)	0.00	121	280	221	140	Request for onal hearing	
1. EXTRA CLAIM FEES		138	1,510	138	1,510	Petition to institute a public use proceeding	
Fee from	Fee Paid	140	110	240	55	Petition to revive - unavoidable	
Extra Claims below Total Claims 27 :25" = 2 x 18.00		141	1,280	241	640	Petition to revive - unintentional	
Indea Claims 7-8'* = 1 x 84.00		142	1,280	242	640	Utility issue fee (or reissue)	
Multiple Dependent	1	143	460	243	230	Design issue fee	
	1	144	620	244	310	Plant Issue fee	
		122	130	122	130	Petitions to the Commissioner	
Large Entity Small Entity Fee Fee Fee Fee Fee Description	I.	123	50	123	50	Processing fee under 37 CFR 1.17(q)	
Fee Fee Fee Fee Description Code (\$) Code (\$)	1	126	180	128	180	Submission of Information Disclosure Stmt	
103 18 203 9 Claims in excess of 20		581	40	581	40	Recording each patent assignment per property (times number of properties)	
102 84 202 42 Independent claims in 1104 280 204 140 Multiple dependent claims		148	740	246	370	For each additional Invention to be examined (37 CFR § 1.129(a))	
109 A4 209 42 "Reissus independen	. I.	149	740	249	370	examined (37 CFR § 1.129(b))	
over original patent		179	740	279	370	Request for Continued Examination (RCE)	
110 18 210 9 "Reissue dalms in ex and over original p	cess of 20 stent	169	900	169	800	Request for expedited examination of a design application.	
SUBTOTAL (2) \$	120.00	Other	r lee (s	pecify)_			
чог number previously paid, if greater: For Reissuss, se	e sbove.	·Red	uced b	v Basic	Filing Fe	subtotal (3) (\$	0.00

SUBMITTED BY			Complete	(if applicable)	· · · · · · · · · · · · · · · · · · ·
Name (Print/Type)	Alan W. Cannon	Registration No. (Attorney/Agent)	34,977	Telephone	(408) 738-3554
Name (Pres) ype)				Date	05/14/2003
Signature	Balon	$\sim$		hauld got be	<u></u>

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC and the SELO ESEC OF COMMISSION FOR TO THE ADDITION ADDITION AND TO A DESIGN FEED SECOND SEC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patenta, Washington, DC 20231.



PLATFORM BLADE **APPARATUS** 

		ERTIFICATE OF MAILING		<u> </u>
hereby certify that this corres	spandence is being deposited w extents, P.O. Box 1450, Alexand	ith the United States Postal Service as f dria, VA 22313-1450.	irst class ma	il in an envelope addressed to: Mail
Typed or Printed Name	Maria J. Scusa			<u>,</u>
Signature	I hana f		Date	May 14, 2003
	- Maria			
AMENDMI	ENT UNDER	Attorney Docket		012CON
	R. §1.116	Confirmation No.	5237	
0, 0,2	,	First Named Inventor	Lawre	ence W. Hu, et al.
•		Application Number	09/90	0,503
Addı	ess to:	Filing Date	July 6	, 2001
Во	x AF	Group Art Unit	3732	
Assistant Comm	issioner for Patents	Examiner Name	Smith	n, Jeffrey A.
Washington	n, D.C. 20231	Title	SURG	SICAL RETRACTOR

Sir:

This amendment is responsive to the Final Office Action dated March 14, 2003 for which a three-month period for response was given making this response due on or before June 14, 2003. In view of the amendments to the claims and the remarks put forth below, reconsideration and allowance are respectfully requested. Applicants have attached to this amendment a "Version with Markings to Show Changes Made" wherein all of the amendments requested here are put forth with underlining and bracketing.

Applicants submit that the amendments set forth below raise no new issues. Rather, the amendments place the claims in form for allowance or in better form for appeal. Entry of these amendments is thus respectfully requested.

#### **AMENDMENTS**

#### IN THE CLAIMS

Please amend claim 8 as follows:

8. (Twice Amended) A surgical retractor blade, said retractor blade comprising a polymeric body having a first end adapted to attach to a separate, complete driving mechanism, a second end, a channel adapted to engage one side of an incision in a patient, and a rail extending along at least a portion of said polymeric body.

Atty Dkt. No.: GUID-012CON

USSN: 09/900,503

#### Please amend claim 11 as follows:

11. (Three Times Amended) A surgical retractor blade, said retractor blade comprising a body having a first end adapted to attach to a separate, complete driving mechanism, a second end, a channel adapted to engage one side of an incision in a patient, a rail extending along at least a portion of said body, and a plurality of open slots for receiving a suture therein, wherein said open slots have an internal wall and a suture locking member having a fixed end and a free end, said free end engaging said internal wall so as to clamp a suture placed between said free end and said internal wall.

Please enter the following new claims:

26 (New) A surgical retractor blade for attaching to a drive mechanism, said retractor blade comprising a body having a first end, a second end, a channel adapted to engage one side of an incision in a patient, a rail extending along at least a portion of said body, and a plurality of open slots for receiving a suture therein, wherein said open slots have an internal wall and a suture locking member having a fixed end and a free end, said free end engaging said internal wall so as to clamp a suture placed between said free end and said internal wall, wherein said suture locking member is substantially rigid and pivots about said fixed end.

27. (New) The surgical retractor of claim 26, further comprising a spring member biased against said suture locking member to forcibly urge said free end towards said internal wall.

Atty Dkt. No.: GUID-012CON USSN: 09/900,503

#### REMARKS UNDER 37 CFR § 1.116

#### Formal Matters

Claims 1-6, 8-15 and 17-27 are pending after entry of the amendments set forth herein.

Claims 1-6, 8-15 and 17-25 were examined. Claims 8-11 and 21-23 were rejected. Claims 1-6, 14-20. 24 and 25 were allowed. Claims 12 and 13 were objected to.

Please replace claims 8 and 11 with the clean version provided above, and enter new claims 26 and 27 as provided above.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached is captioned "VERSION WITH MARKINGS TO SHOW CHANGES MADE."

Applicants respectfully request reconsideration of the application in view of the amendments and remarks made herein.

No new matter has been added.

#### The Office Action

Initially, Applicants wish to extend their appreciation to the Examiner for the indicated allowance of claims 1-6, 14-20, 24 and 25, as well as the indicated allowable subject matter in claims 12 and 13.

Claims 8-11 were rejected under 35 U.S.C. Section 102(e) as being anticipated by Hancock (U.S. Patent No. 6,331,157 B2). The Examiner indicated that the recitations "wherein said first end is adapted for attaching to a separated, complete drive mechanism" did not patentably distinguish the claims from the structure disclosed by Hancock because the "wherein" clause was not considered to further distinguish the structure recited.

In response thereto, Applicants have amended each of claims 8 and 11 to delete the discussed "wherein" clause. In its place, in each instance, the claims have been amended to further define recited first end as "adapted to attach to a separate, complete driving mechanism". It is respectfully submitted that this language structurally distinguishes the present invention as recited by claims 8 and 11 (and claims depending therefrom) over Hancock, since Hancock's blades are always attached to the driver. Further, it is respectfully submitted that it has been held that In a claim that was directed to a kit of component parts capable of being assembled, the Court held that limitations such as "members adapted

Atty Dkt. No.: GUID-012CON

USSN: 09/900,503

to be positioned" and "portions . . . being resiliently dilatable whereby said housing may be slidably positioned" serve to precisely define present structural attributes of interrelated component parts of the claimed assembly. *In re Venezia*, 530 F.2d 956, 189 USPQ 149 (CCPA 1976). (see MPEP Section 2173.05(g).

In view of the above amendment of claims 8 and 11, the Examiner is respectfully requested to reconsider and withdraw the rejection of claims 8-11 under 35 U.S.C. Section 102(e) as being anticipated by Hancock (U.S. Patent No. 6,331,157 B2), as being no longer appropriate. It is respectfully submitted that these amendments do not raise a new issue, since they address the same previously addressed issue of structurally limiting the presently claimed invention to blades that may be attached to a separate, complete drive mechanism.

Claims 21-23 were rejected under 35 U.S.C. Section 103 (a) as being unpatentable over Hancock in view of Brief (U.S. Patent No. 4,747,395). It is respectfully submitted that these claims are allowable over the recited combination of references for at least the same reasons that claims 8 and 11 patentably define over Hancock, as discussed above, since Brief does nothing to overcome the deficiencies of Hancock in meeting the recitations of claims 8 and 11, and since each of claims 21-23 depends from one of claims 8 and 11.

Accordingly, the Examiner is respectfully requested to reconsider and withdraw the rejection of claims 21-23 under 35 U.S.C. Section 103 (a) as being unpatentable over Hancock in view of Brief (U.S. Patent No. 4,747,395), as being no longer appropriate.

With regard to newly submitted claims 26 and 27, it is respectfully submitted that these claims are clearly allowable in view of the Examiner's indication, in the Office Action dated June 19, 2002, that claims 12 and 13 would be allowable if rewritten in independent form to include all of the limitations of the base claim and any intervening claims. New claims 26 and 27 correspond to claims 12 and 13 in such form.

#### PTO Forms 1449

Upon review of the file for this application, Applicants have discovered that not all of the documents that were submitted in the parent application (Application Serial No. 09/305,811, now U.S. Patent No. 6,283,912) have been submitted in the instant application. Accordingly, Applicants are submitting herewith PTO Forms 1449 listing the remainder of the documents which have not been submitted, but which were considered and cited during the prosecution of the parent application. Copies of the documents are not included, as having been already previously submitted in the parent

Sep 25 2003 9:24RM Acannonlaw

Atty Dkt. No.: GUID-012CON

USSN: 09/900,503

application. Applicants would appreciate the Examiner initialing and returning an initialed copy of the enclosed PTO Forms 1449 to indicate consideration of the same.

#### Conclusion

Applicants submit that all of the claims are in condition for allowance, which action is requested. If the Examiner finds that a telephone conference would expedite the prosecution of this application, please telephone the undersigned at the number provided.

Atty Dkt. No.: GUID-012CON

USSN: 09/900,503

The Commissioner is hereby authorized to charge any underpayment of fees associated with this communication, including any necessary fees for extensions of time, or credit any overpayment to Deposit Account No. 50-2653, order number GUID-012CON.

Respectfully submitted,

LAW OFFICE OF ALAN W. CANNON

Alan W. Cannon

Registration No. 34,977

LAW OFFICE OF ALAN W. CANNON

834 South Wolfe Road Sunnyvale, CA 94086

Telephone: (408) 736-3554 Facsimile: (408) 736-3564

D:\DOCUMENTS1.116 MENDMENT\GUID-012CON.doc

RECEIVED **CENTRAL FAX CENTER** 

SEP 2 6 2003

OFFICIAL

Atty Dkt. No.: GUID-012CON

USSN: 09/900,503

#### **VERSION WITH MARKINGS TO SHOW CHANGES MADE**

#### IN THE CLAIMS

Claim 8 was amended above as follows:

8. (Twice Amended) A surgical retractor blade, said retractor blade comprising a polymeric body having a first end adapted to attach to a separate, complete driving mechanism, a second end, a channel adapted to engage one side of an incision in a patient, and a rail extending along at least a portion of said polymeric body[, wherein said first end is adapted for attaching to a separate, complete drive mechanism].

Claim 11 was amended above as follows:

11. (Three Times Amended) A surgical retractor blade, said retractor blade comprising a body having a first end adapted to attach to a separate, complete driving mechanism, a second end, a channel adapted to engage one side of an incision in a patient, a rail extending along at least a portion of said body, and a plurality of open slots for receiving a suture therein, wherein said open slots have an internal wall and a suture locking member having a fixed end and a free end, said free end engaging said internal wall so as to clamp a suture placed between said free [ended] end and said internal wall[, wherein said first end is adapted for attaching to a separate, complete drive mechanism].

+

Please type a plus sign (+) inside this box --

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

o persons are required to respond to a collection of information unless it contains a valid QMB control number.

C. haileda	for form 1449A/PTO			Complete if Known				
20201018				Application Number	09/900,503			
	INFORMATION D	ISCLOSU	₹E	Filing Date	July 6, 2001			
	STATEMENT BY	APPLICA	VT.	First Named Inventor	Hu et al.			
				Group Art Unit	3732			
	(use as many sheets as necessary)			Examiner Name	Jeffery A. Smith			
Sheet	1	of	10	Attorney Dockel Number	GUID-012CON			

			U.S. PATENT DOCU	MENTS	
Examin er Inițials'	Cite No.1	U,S. Patent Documents  Number Kind Code <sup>2</sup> (If known)	Oate of Publication of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, columns, lines, Whare Relevant Passages or Relevant Figures Appear
	A1	452,131	May, 1891	Haughawout	
	A2	810,675	Jan.,1906	Richter	
	A3	2,296,793	Sep.,1942	Kirschbaum	
	A4 ·	2,590,527	Mar., 1952	Fluck	
	A5	2,693,795	Nov., 1954	Grieshaber.	·
	A8	2,863,444	Dec., 1958	Winsten.	
	A7	3,392,722	Jul., 1968	Jorgensen.	
	AB	3,683,926	Aug., 1972	Suzukl.	
	A9	3,720,433	Mar., 1973	Rosfelder.	
	A10	3,783,873	Jan., 1974	Jacobs.	
	A11	3,858,926	Jan., 1975	Ottenhues.	
	A12	3,882,855	May., 1975	Schulle et al.	
	A13	3,983,863	Oct., 1976	Janke et al.	·
	A14	4,047,532	Sep., 1977	Phillips et al.	
	A15	4,049,002	Sep., 1977	Kletschka et al.	
	A16	4,052,980	Oct., 1977	Grams et al.	
	A17	4,226,228	Oct., 1980	Shin et al.	
	A18	4,230,119	Oct., 1980	Blum.	
	A19	4,306,561	Dec., 1981	de Medinaceli.	
	A20	4,366,819	Jan., 1983	Kaster.	
·	A21	4,368,736	Jan., 1983	Kaster.	
	A22	4,428,368	Jan., 1984	Toril.	
	A23	4,461,284	Jul., 1984	Fackier.	
	A24	4,492,229	Jan., 1985	Grunwald	
	A25	4,637,377	Jan., 1987	Loop	
	A26	4,646,747	Mar., 1987	Windback.	·
	A27	4,718.418	Jan., 1988	L'Esperance, Jr.	

Signature EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through disation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*Unique citation designation number. \*Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Considered

Please type a plus sign (+) inside this box →

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

					Į.	Cor	nplete if Known	
ubslituta	for form 1449/	<b>VPTO</b>			Application N	lumber	09/900,503	
	INFORMA	ATION DISCL	OSUR	E	Filing Date		July 6, 2001	
STATEMENT BY APPLICANT					First Named		Hu et al.	
					Group Art Uni		Jeffery A. Smith	
	(use as n	nany sheets as nec	of	10	Examiner Nati	ket Number	GUID-012CON	
Sheet		2	<u> </u>		Augus, Good			
	A28	4,726,358		Feb	., 1988	Santilli et a	1.	
<u> </u>	A29	4,726,358		Feb	., 1988	Brady.		
	A30	4,736,749	·	Apr	., 1988	Lundback.		
	A31	4,747,395			r., 1988	Brief.		
	A32	4,754,748			, 1988	Cox.		
	A33	4,803,984			., 1989	Narayanar	et a.	
	A34	4,808,163			., 1989	Laub		
	A35	4,829,985			y., 1989	Couetil.		
	A36	4,852,552			g., 1989 1989	Chaux Solem et a	21	
	A37	4,854,318			g., 1989	Bonnell	31.	
	A38	4,863,133			p., 1989	Collins.		
	A39	4,884,559			c., 1989	Heilman e	t al	
	A40	4,925,443			y., 1990	LeVahn e		
	A41	4,949,707			g., 1990	Freeman		
	A42	4,955,896			p., 1990	Lasner et	al.	
	A43	4,962,758			t., 1990 v., 1990	Wright		
	A44	4,973,300			b., 1991	Farley.		
	A45	4,989,587			b., 1991	Cohen.		
	A46	4,991,578	<del></del>		or., 1991	Clapham		
_	A47	5,009,660			or., 1991	Buckberg	et al.	
	A48	5,011,469		<del></del>	ug., 1991	Berggren		
<u> </u>	A49	5.036,868	<del></del>		ug., 1991	Picha et		
<b> </b>	A50	5,037,428			ct., 1991	Michelso	n	
<del> </del>	A52	5,052,373			ct., 1991	Ansari et	tai.	
	A53	5,053,041			an., 1992	LeVahn		
<b>—</b>	A54	5,098,369			lar., 1992	Heliman	et al.	
<u> </u>	A55	5,119,804			un., 1992	Anstadt.		
-	A56	5,131,905		J	ப்., 1992	Grooters		
-	A57	5,133,724		J	ul., 1992	Wilson,	Jr. et al.	
-	A58	5,167,223	,		ec., 1992	Koros et	al.	
	A59	5,171,254			Dec., 1992	Sher		
L							Date	

Examiner
Signature
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\*Unique citation designation number. \*Applicant is to place a check mark here if English language Translation is attached.



Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number.

Simstitute	for form 14	49A/PTO			Complete If Known				
00000					Applicatio	n Number	09/9	00,503	
	INFOR	MATION DISC	LOSU	JRE			July	6, 2001	
	STATE	MENT BY AP	PLICA	INT	First Name	ed Inventor	Hu e	et al.	
					Group Art Unit Examiner Name		373	2	
	(USB 85	s m <u>any sheets as n</u>	0008587	Y)			Jeff	ery A. Smith	
Sheet		3	of	10	Attorney D	ocket Number	GUI	D-012CON	
	A60	5,231,974		Aug	., 1993	Giglio et a	ıl.		
	A81	5,287,861		Feb	., 1994	Wilk			
	A62	5 293 863		Mer	1994	Zhu et al			

	A60	5,231,974	Aug., 1993	Giglio et al.
	A81	5,287,861	Feb., 1994	Wilk
	A62	5,293,863	Mar., 1994	Zhu et al.
	A63	5,300,087	Apr., 1994	Knoepfler
	A64	5,318,013	Jun., 1994	Wilk.
	A65	5,336,252	Aug., 1994	Cohen
	A66	5,382,756	Jan., 1995	Heilman et al.
	A67	5,417,709	May., 1995	Slater
	A68	5,437,651	Aug., 1995	Todd et al.
	A69	5,452,733	Sep., 1995	Sterman et al.
	A70	5,467,763	Nov., 1995	McMahon et al.
	A71	5,498,256	Mar., 1996	Furnish
	A72	5,503,617	Apr., 1996	Jako
	A73	5,509,890	Apr., 1996	Kazama
}	A74	5,512,037	Apr., 1996	Russett et al.
	A75	5,514,075	May., 1996	Moli et al.
-	A76	5,514,076	May., 1996	Ley
	A77	5,529,571	Jun., 1996	Daniel
	A78	5,547,458	Aug., 1996	Ortiz et al.
	A79	5,573,496	Nov., 1996	McPherson et ·
	A80	5,607,421	Mar., 1997	Jeevanandam
	A81	5,607,446	Mar., 1997	Beehler et al.
	A82	5,613,937	Mar., 1997	Garrison et al.
	A83	5,651,378	Jul., 1997	Matheny et al.
	A84	5,727,569	Mar., 1998	Benetti et al.
	A85	5,749,892	May., 1998	Vierra et al.
	A86	5,772,583	Jun., 1998	Wright et al.
	A87	5,782,746	Jul., 1998	Wright
	A88	5,799,661	Sep., 1998	Boyd et al.
	A89	5,807,243	Sep., 1998	Vierra et al.
	A90	5,813,410	Sep., 1998	Levin
	A91	5,836,311	Nov., 1998	Borst et al.

Examiner		Date	
Signature		Considered	
'EXAMINER: In	itial if reference considered, whether or not citation is in conformance with MPEP 609.	Draw line through	citation if not in conformance and not

considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

 $\sim$ 

Please type a plus sign (+) Inside this box --

PTC/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1985, no persons are required to respond to a collection of Information unless it contains a valid OM8 control number.

Substitute for form 1448APTO	Complete if Known				
Substitute for	form 1448A/PTO			Application Number	09/900,503
IN	FORMATION D	ISCLOSUF	RE	Filing Date	July 6, 2001
	TATEMENT BY			First Named Inventor	Hu et al.
	IAICMCITI -		• •	Group Art Unit	3732
	(use as many sheets	no necessary		Examiner Name	Jeffery A. Smith
Sheet	4	of	10	Attorney Docket Number	GUID-012CON

A92	5,846,193	Dec., 1998	Wright	
A93	5,846,194	Dec., 1998	Wasson et al.	
A94	5,865,730	Feb., 1999	Fox, et al.	
A95	5,868,770	Feb., 1999	Rygaard	
A96	5,876,332	Mar., 1999	Looney	
A97	5,879,291	Mar., 1999	Kolata et al.	
A98	5,885,271	Mar., 1999	Hamilton et al.	
A99	5,888,247	Mar., 1999	Benetti	
A100	5,891,017	Apr., 1999	Swindle et al.	
A101	5,894,843	Apr., 1999	Benetti et al.	
A102	5,906,601	May., 1999	Taylor et al.	
A103	5,908,382	Jun., 1999	Koros et al.	
A104	5,913,876	Jun., 1999	Taylor et al.	
A10	5 5,927,284	Jul., 1999	Koros et al.	
A10		Sep., 1999	Benetti	
A10		Sep., 1999	Anderson et al.	
A10		Oct., 1999	Santill et el.	
A10	9 5.976.080	Nov., 1999	Farascioni	
A11	0 5,984,865	Nov., 1999	Farley et al.	
A11	1 421,803	Mar., 2000	Koros et al.	
A11	2 6,017,304	Jan., 2000	Vierra et al.	
A11		Feb., 2000	Spence et al.	
A11	4 6,030,340	Feb., 2000	Maffel et al.	
A11	5 6,032,672	Jun., 1997	Taylor	
A11	6 6,033,362	Mar., 2000	Cohn	
A11	7 6,036,641	Mar., 2000	Taylor et al.	
A11	8 6,050,266	Apr., 2000	Benetti et al.	
A11	9 6,063,021	May., 2000	Hossain et al.	
A12	0 8,071,295	Jun., 2000	Takahaski	
A12	6,099,468.	Aug., 2000	Santilli et al.	
A12		Aug., 2000	Carfier et al.	<u> </u>
A1:	23 6,139,492	Oct., 2000	Vierra et al.	

	Examiner		Date	·
•			Considered	
	Signature	W 4050 800	Deau fine through	citation if not in conformance and not
	'EXAMINER: In	itial if reference considered, whether or not citation is in conformance with MPEP 809.	Diam mus pricodi.	Changi ii not iii canamenee ene ne
	considered. Inc	tude copy of this form with next communication to applicant.		
		• • • • • • • • • • • • • • • • • • • •		

<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here If English language Translation is attached.



Please type a plus sign (+) inside this box ->

PTO/SB/DBA (05-00) Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patern and Tradamark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are ret	Complete If Known
Substitute for form: 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use as many sheets as necessary) Sheet 5 of 10	Application Number 09/900,503  Filing Date July 8, 2001  First Named Inventor Hu et al.  Group Art Unit 3732  Examiner Name Jeffery A. Smith  Attorney Docket Number GUID-012CON

<del></del>			FOREIGN PATENT DOCUME	113	Pages, Columns.	l
Examin er Initials	Cite No.	Foreign Patent Document  Office Number Kin  Code (If nown	Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Lines, Where Relevant Passages or Relevant Figures Appear	
	B1	WO 87/04081	Jul., 1987	wo.		$\dashv$
	B2	0 293 760 A1	Dec., 1988	DE	<del> </del>	$\dashv$
	B3	0 293 760 A2	Dec., 1988	DE		$\dashv$
	B4	0 293 760 A3	Dec., 1988	DE		
	B5	90 04513	June, 1990	DE		
	86	2 233 561	Jan., 1991	GB		
<u> </u>	B7	0 630 629 A1	May, 1994	EP		<del></del>
<b> </b>	B8	WO 94/14383	Jul., 1994	wo.		
<u> </u>	B9	WO 94/18881	Sep., 1994	WO.		
	B10	WO 95/01757	Jan., 1995	wo.		
	B11	WO 95/17127	Jun., 1995	- 1		
	B13	668 058 A1	Aug., 1995	wo.		Γ
	81	WO 96/00033	Jan., 1998	wo.		
	B1	4 WO 97/10753	Mar., 1997	wo.		
	B1	5 WO 97/32514 A3	Sep., 1997	wo.		
	B1	6 WO 98/48703	Nov., 1998	wo.		
	81	1,000	Nov., 1998	wo.		
	8	1,1000	Feb., 1999	wo.		
	В	19 WO 00/06041	Feb., 2000	EP EP		
	В	20 0 993 806 A2	April, 2000			

1		Date
1	Examiner	Considered
	Signature italian is in con	nformance with MPEP 609. Draw line through citation if not in conformance and not it.
	<ul> <li>EXAMINER: Initial if reference considered, whether or not classification applicant, considered, include copy of this form with next communication to applicant.</li> </ul>	i.
		A Facility language Translation is attached.

<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

WO.

**B24** 

W@ 00/42937

` .

PTCVSS/USA (US-UU)

Approved for use through 10/31/2002. OMB 0851-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMS control number.

C. dan Maria	for form 144	on RTO					Co	mplete if Known	
25.0201016	rigi ibini 144	5WFIO				Application N	umber	09/900,503	
	INFORM	NATION DISCL	_os	URE		Filing Date		July 6, 2001	
	STATE	MENT BY APP	LIC	ANT		First Named 1	nventor	Hu et al.	
	· · · · · · ·					Group Art Unit		3732	
	fuse as	many sheets as ne	cessa	<b>7</b> /		Examiner Nam		Jeffery A. Smith	
Sheet	10.00	6	of		10	Attorney Dock	et Number	GUID-012CON	
	B21	WO 00/4292	.4		1	., 2000	wo.		
		VVO 00/4292			. 541	., 2000			
	B22	WO 00/4293	5		Jul	., 2000	wo.		
	B23	WO 00/4293	16		Jul	., 2000	wo.		

Jul., 2000

		OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS
Examin er Initials*	Cite No.1	tectude name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	C1	Ancalmo, N. and J. L. Ochsner: "A Modified Sternal Retractor," Ann. Thorac, Surg. 21 (1976) 174.
	. C2	Angelini, G.D., M.D. et al., "A Fiber-Optic Retractor for Harvesting the Internal Mammary Artery."  Ann. Thorac. Surg. (1990;50:314-5).
	СЗ	Antinori, C. et al., "A Method of Retraction During Reoperative Coronary Operations Using the Favaloro Retractor," The Society of Thoracic Surgeons: 1989.
	C4	Beg, R.A. H. Naraghipour, E.B. Kay, and P. Rullo, "Internal Mammary Retractor," Ann Thorac, Surg. 39 (1985) 286-287).
	C5	Akins, C. W. et al., "Preservation of Interventricular Septal Function in Patients Having Coronary Artery Bypass Grafts Without Cardiopulmonary Bypass," American Heart Journal, vol. 107, No. 2, Feb. 1984, pp. 304-309.
	C6	Angelini, G. D., M. D., "A Simple Inexpensive Method of Heart Retraction During Coronary Artery Bypass Surgery," Ann Thorac Surg 46:46-247, Aug. 1988.
	C7	Archer, R., DO et al., "Coronary Artery Revascularization Without Cardiiopulmonary Bypass," Texas Heart Institute Journal, vol. 11, No. 1, Mar. 1984, pp. 52-57.
	C8	Arom, K.V., et al., "Mini-Stemotomy for Coronary Artery Bypass Grafting," The Annals of Thoracic Surgery 1996;61:1271-2.
	C9	Arom, K.V. et al., "Mini-Sternotomy for Coronary Artery Bypass Grafting," The Annals for Thoracle Surgery 1996;62:1884-85.
	C10	Ballantyne, C. M., et al. "Delayed Recovery of Severely "Stunned" Myocardium With the Support of a Left Ventricular Assist Device after Coronary Artery Bypass Graft Surgery," Journal of the American College of Cardiology vol. 10, No. 3, Sep. 1987, pp. 710-712.
	C11	Bedellino, M. M. et al., "The Cardiac Rag -Simple Exposure of the Heart," Texas Heart Institute Journal, vol. 15, No. 2, 1988, 134-35.

•		·		
Exa	miner	•	Date	
2	nature		Considered	
_	ANER: Initial if referen	ce considered, whether or not citation is in conformance with MPEP 609.	Draw line through	citation if not in conformance and not

considered. Include copy of this form with next communication to applicant.

'Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.



\_

Please type a plus sign (+) Inside this box →

PTO/S9/08A (28-00)
Approved for use through 10/31/2002. CMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1985, no persons are required to respond to a collection of Information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1985, no parsons are			Complete if Known		
substitute for form 1449A/PTO			Application Number	09/900,503	
INFORMATION DI	SCI OSLIRE		Filing Date	July 6, 2001	
INFORMATION DI	ADDLICANT		First Named Inventor	Hu et al.	
STATEMENT BY	APPLICATI		Group Art Unit	3732	
			Examiner Name	Jeffery A. Smith	
(use as many sheets		10	Attorney Docket Number	GUID-012CON	
Sheet 7	of	10	Auditicy Beenet		

<u> </u>			_
	C12	Benetti, F. J., et al., "Direct Coronary Surgery with Saphenous Veln Bypass Without Either Cardiepulmonary Bypass Graft or Cardiac Arrest," The Journal of Cardiovascular Surgery, vol.	
	C13	26, No. 3, May-Jun, 1985, pp. 217-222.  Bennetti, F. J., et al., "Direct Myocardial Revascularization Without Extracorporeal Circulation,"	
		Chest, vol. 100, No. 2, Aug. 1991, pp. 312-310.	
	C14	Invasive 'Off Pump' Techniques and Conventional / Invasive 'Off Pump' Technique	
<u>.</u>	C15	Borst, C., et al., "Regional Cardiac Wall Immunobilization for Open Criss and Circulation, Oct.  Coronary Artery Bypass Grafting on the Beating Heart, the 'Octopus' Method, "Circulation, Oct.  Coronary Artery Bypass Grafting on the Beating Heart from the 68 sup. th Scientific Sessions.	
	C16	Borst, C. et al., "Coronary Artery Bypass Granting Without Calcopating Device Interruption of Native Cornary Flow Using a Novel Anastomosis Site Restraining Device Interruption of Native Cornary Flow Using a Novel Anastomosis Site Restraining Device	
	C17	British Heart Journal, "Coronary Surgery Without Cardiopullionary Sypass," Pp.	L
	C18	Buffolo, E. et al., "Direct Myocardial Revascularization Without Cardiopulmonary Bypass," Thorac, Cardiovasc, Surgeon, 33 (1985) pp. 26-29. Thorac, Cardiovasc, Surgeon, 38, pp.	-
	C19	Bugge, M., "A New Internal Mammary Artery Retractor, Triblac. Set Set	$\downarrow$
	C20	Calaflore, A. M., et al., "Minimally Invasive Coronary Artery Bypass Granting, "No vanishing and account of the control of the	$\downarrow$
	G21	Cartier, R. MD., "Triple Coronary Artery Revascularization on the Stabilized Scaling Vision of the Stabilized Vision of th	$\downarrow$
·:	C22	Chaux, A. and C. Blanche, "A New Concept in Sternal Refraction," Application, Appli	
	C23	474, Oct. 1986.  Cootey, D. A., "Limited Access Myocardial Revascularization," Texas Heart Institute Journal, pp.	1
	C24	81-84, vol. 23, No. 2, 1996.  Correspondence and Brief Communications, Archives of Surgery - vol. 115, 1136-37, Sep.	
	C25	1980.  Cremer, J., MD, "Off-Bypass Coronary Bypass Grafting Via Minithoracotomy Using Mechanical Epicardial Stabilization," The Annals of Thoracic Surgery, 63:S79-83, 1997.  Epicardial Stabilization, "The Annals of Thoracic Surgery, 63:S79-83, 1997.	_
	C28	DelRossi, A J and Lemole, GM, "A New Relaction to Audit 1983.	4
	C27	Fanning, W. J. et al., "Reoperative Coronary Artery Bypass Graning Visited Straining	4
	C28	Bypass," The Annals of Thoracic Surgery, vol. 35, No. 2, 1989.  Favaloro, R. G., et al. "Direct Myocardial Revascularization by Saphenous Vein Graft," The Annals of Thoracic Surgery, vol. 10, No. 2, pp. 97-111, Aug. 1970.	

•		
the state of the s		Date
Examiner	10	Considered
Signature	- at citation is in conformance with MPEP 809. Draw	w line through citation if not in conformance and not

<sup>\*</sup>EXAMINER: Initial If reference considered, whether or not citation is in conformance with MPEP 809. Draw fine through citation if not in conformance at considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is ettached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the smount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



-1----

\_

Ptesse type a plus sign (+) inside this box →

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0351-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute	for form 1449A/PTO			C	plete if Known	
1				Application Number	09/900,503	
ì	INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use as many sheets as necessary)  881 0f 10	Filing Oate	July 6, 2001			
	STATEMENT BY	APPLICAN	I <b>T</b>	First Named Inventor	Hu et al.	
1				Group Art Unit	3732	
	(use as many sheets a	s necessary)		Examiner Name	Jeffery A. Smith	
Sheet	8	of	10	Attorney Docket Number	GUID-012CON	

C29	Fonger, J. D. et al., "Enhanced Preservation of Acutely Ischmenic Myocardium with Trasseptal Left. Ventricular Assist," The Annals of Thoracic Surgery, vol. 57, No. 3, Mar. 1994, pp. 570-575.
C30	Gacioch, G. M., MD, et al., "Cardiogenic Shock Complicating Acute Myocardial Infarction: The Use of Coronary Angioplasty and the Integration of the New Support Device into Patient Management," Journal of the American College of Cardiology, vol. 19, No. 3, Mar. 1, 1992, pp. 647-653.
C31	Green, GE., "Technique of Internal Mammary-Coronary Artery Anastomosis," The Journal of Cardiovascular Surgery, 78:455-59, 1979.
C32.	Groopman, J., "Heart Surgery, Unplugged; Making the Coronary Bypass Safer, Cheaper, and Easier," The New Yorker, Jan. 11, 1999, pp. 43-46, 50-51.
C33	Hasan, RI, et al., "The Technique of Dissecting the Internal of a Mammary After Using the Mousselli Bar," European Journal of Cardiothoracic Surgery, 4:571-572, 1990.
C34	Itoh, Toshiaki, M. D., et al., "New Modification of a Mammary Artery Retractor," Ann. Thorac.Surg. 9, 1994; 57:1670-1.
C35	Izzat, M. B., et al. "Cardiac Stabilizer for Minimally Invasive Direct Coronary Artery Bypass," Ann Thora Surg. 1997.
C36	Japanese Journal of Thoracic Surgery, vol. 42, No. 2, 1989.
C37	Japanese Article "Heart Retractor".
C38	Kazama, S. et al., "Fabric Heart Retractor for Coronary Artery Anastomosis as Method of Treatment for Angina Pectoris," Thoracle and Cardivascular Surgery, vol. 54, No. 4, Oct. 1967, pp. 535-544.
C39	Kolessov, V. I., M. D., "Mammary Artery-Coronary Artery Anastomosis as Method of Treatment for Angina Pectoris," Thoracle and Cardiovascular Surgery, vol. 54, No. 4, Oct. 1967, pp. 535-544.
C40	Konlshi, T. MD. et al., "Hybrid-Type Stabilizer for Off-Pump Direct Coronary Artery Bypass Grafting," Annals of Thoracic Surgery 66:981-2, 1998.
C41	Kresh, J. Y., et al., "Heart-Mechanical Assist Device Interaction," Trans. Am. Soc. Artif. Intern. Organs, vol. XXXII, 1986, pp. 437-443.
C42	Lavargne, et al., "Transcatheter Radiofrequency Ablation of Atrial Tissue Using A Suction Catheter," PACE, vol. 12, Jan. 1989, Part II, pp. 177-186.
C43	Lonh, U., M. D., et et., "Coronary Artery Operation Supported by the Hemopump: An Experimental Study on Pigs," The Annuals of Thoracic Surgery, vol. 58, No. 1, Jul. 1994, pp. 516-523.
C44	Matsuura, A. MD, et al., "A New Device for Exposing the Circumflex Coronary Artery," The Annals of Thoracic Surgery, 59:1249-50, 1995, pp. 1249-1250.
C45	McGee, M. G., et al., "Extended Clinical Support with an Implantable Left Ventricular Assist Device," Trans. Am.Soc. Artif. Intern. Organs, vol. XXXV, 1989, pp. 614-616.
C46	McKeown, P. P. et al., "A Modified Stemal Retractor for Exposure of the Internal Mammary Artery," Ann. Thorac. Surg. 32(1981) 619.

Examiner	Date	
Signature	[ Conside	red

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation it not in conformance and not considered. Include copy of this form with next communication to applicant.

\*Unique citation designation number. \*Applicant is to place a check mark here if English language Translation is attached.



Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Under	the Paparwork Reduction Act of	1995.	no persons are n	equired to respond to a consciour or a	omplete if Known
	Information DISC STATEMENT BY API	PLIC	ANT	Application Number Filing Date First Named Inventor Group Art Unit Examiner Name Attorney Docket Number	09/900,503 July 6, 2001 Hu et al. 3732 Jeffery A. Smith GUID-012CON

sheel			_
	1047	Ochsner, JL, et al., "Surgical Management of Diseased Intracavitary Coronary Arteries," The	١
	C47	Annals of Thoracic Surgery, vol. 38, No. 4, Jul. pp. 356-62, Oct. 1984.	ヿ
	C48	Parsonnet, V. MD, et al., "Graduated process for Coloniary Bypass 30 gg/s	_
		Thoracic Surgery, vol. 68, No. 3, 426-26 (Sep. 1974).  Perrault, L. et al., "Snaring of the Target Vessel in Less Invasive Bypass Operations Does Not Perrault, L. et al., "Snaring of the Target Vessel in Less Invasive Bypass Operations Does Not Perrault, L. et al., "Snaring of the Target Vessel in Less Invasive Bypass Operations Does Not Perrault, L. et al., "Snaring of the Target Vessel in Less Invasive Bypass Operations Does Not Perrault, L. et al., "Snaring of the Target Vessel in Less Invasive Bypass Operations Does Not Inva	
	C49		_
	C50	T' " A LA D -A "Coronany Artery Hydrass William Carolopanilonal" - "Ferre	
	030	Annels of Thoracic Surgery, vol. 54, No. 6, Dec. 1992, pp. 1085-1092.	
	C50	Annels of Thoracic Surgery, Vol. 54, No. 6, Dec. 1332, pp. 1532, p	
		The state of the state of the state of Cardiac Surgery. A 40 to the state of the st	
	C51		_
	C52	Robicsek, F., "Aortic Spoon-Jaw Clamp for Aorta-Saphenous Veill Allastern	
	032		_
	C53	The state of the s	
		Robinson, M. C. et al., "A Minimally Invasive Sulgical through Sulgical Through Preliminary Experience in Five Patients, " Circulation, Oct. 15, 1995, vol. 92, No. 8, 1-176.  Rousou, J. et al., "Cardiac Retractor for Coronary Bypass Operations," The Society of Thoracic	
	C54		_
		Surgeons, pp. 52:877-78, 1991.  Roux, D. MD et al., "A New Helper Instrument in Cardiac Surgery,"The Annals of Thoracic	
	C55		_
	C56	Form Editional In of Survivors of Postual diction of Survivors	
	000	Support," Trans. Am. Soc. Artif. Intern. Organs, Ab., 2007, Portificular Assist Device Hemopump	_
	C57	Support," Trans. Am. Soc. Artit. Intern. Organs, vol. 2007, 1991 per Scholz, K. H., et al., "Transfemoral Placement of the Left Ventricular Assist Device Hemopump' During Mechanical Resuscitation," Thoracic and Cardivascular Surgeon, vol. 38 (1990) pp. 69-	
		During Mechanical Resuscitation, Thoracic and Guidents	_
		72. Stevens, et al., "Closed Chest Coronary Artery Bypass With Cardioplegic Arrest in the Dog,"	
	C58	67.sup.th Scientific Sessions, 238, I-251.	_
	C59	To Hoo or Not To High Ind Pumb Uxyyanator in Colons, 7-75-5-5	
			_
	C60	Operations," The Annais of Thoracic Surgery, vol. 15, No. 1, Trapp, et al., "Placement of Coronary Artery Bypass Graft without Pump Oxygenerator," Journal of the Society of Thoracic Surgeons and The Southern Thoracic Surgeons Assn. vol. 19, No. 1,	
			_
		Jan. 1975, pp. 1-9. USSC Cardiovascular Thora-Lift.sup.198, United States Surgical Corporation, Norwalk,	
	C61	Connecticut, Product Brochure.	
<b></b>	C62	Connecticut, Product Brochure.  Vigano, M., "Tecnica Corporation," Minerva Cardioangiologica, vol. 23,-N. 6-7 (1975), pp. 369-	ì
ł	002	371.	$\overline{}$
	C63	371. Vincent , J. G. "A Compact Single Post Internal Mammory Artery Dissection Retractor," Eur. J.	
		Cardio-Thor. Surg. 3(1989)276-277.  Westaby, S. et al., "Less Invasive Coronary Surgery: Consensus From the Oxford Meeting," The	
	C64	Westaby, S. et al., "Less invasive Colonary Surgery."  Annals of Thoraic Surgery, 62:924-31, 1996.	L
		Annals of Intofact Strigery, 52.52.53	_

	Date	
Examiner	Considered	
Signature  EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. I considered, include copy of this form with next communication to applicant.	Oraw line through	distion if not in conformance and not
considered. Include copy of this form what flext dotter		•

<sup>&#</sup>x27;Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

· .



Please type a plus sign (+) inside this box →

 $\mathcal{O}$ 

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0851-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduc				C	omplete if Known
Substitute for form 1449A/PTO				Application Number	09/900,503
INFORMATION	DISCLOS	URE		Filing Date	July 6, 2001
STATEMENT	RY APPLIC	ANT		First Named Inventor	Hu et al.
SIMIEMETAL	D 1 A 1 1 = 19			Group Art Unit	3732
(use as many sh	ento as nacasa	arv)		Examiner Name	Jeffery A. Smith
Sheet 10	of	1	10	Attorney Docket Number	GUID-012CON

C65	Zumbro, G. L. et al., "A Prospective Evaluation of the Pulsatile Assist Device," The Annals of Thoracic Surgery, vol. 28, No. 2, Aug. 1979, pp. 269-273.
C66	60/117,333 Looney et al. (provisional) filed in Jan. 24, 1999.
C67	09/345,859 Looney et al. filed on Jul. 1, 1999.
C68	09/438,670 Parsons, et al. filed on Nov. 12, 1999.
C69	09/489,274 Brown et al. filed on Jan. 21, 2000.

Examiner
Signature

Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

considered. Include copy of this form with next communication to applicant.

\*Unique citation designation number. \*Applicant is to place a check mark here if English language Translation is attached.



Atty/Sec: AWC/mjs File No. GUID-012CON Application No.: 09/900,503

Date Mailed: May 14, 2003 Date Filed: Even Date Herewith

Inventor(s): Lawrence W. Hu, et al.

Title: Surgical Retractor Platform Blade Apparatus

Transmittal (1 pg.)

Fee Transmittal (in duplicate) (2pgs.)

Amendment under 37 CFR 1.116 (7 pages) PTO Forms 1449 (10 pages)



Acknowledge Receipt of enclosures
By imprinting PTO Date Stamp and Returning to addressee



LAW OFFICE OF ALAN W. CANNON 834 South Wolfe Road Sunnyvale, CA 94086

Ildiala Illiada la Hadada a Halla a Hadada la Id

Atty/Sec: AWC/mjs File No. GUID-012CON

Date Mailed: September 15, 2003

Date Filed: 7/6/2001

Application No.: 09/900,503 Inventor(s): Lawrence W. Hu, et al.

Title: Surgical Retractor Platform Blade Apparatus

Enclosures:

Transmittal (1 pg.)

Copy of Amendment under 37 CFR 1.116 filed May 14, 2003 (21 pages)

Acknowledge Receipt of enclosures
By imprinting PTO Date Stamp
and Returning to addressee



LAW OFFICE OF ALAN W. CANNON 834 South Wolfe Road Sunnyvale, CA 94086

en euromes 😃 merses